MPsrch_nn n.a. n.a. database search, using Smith-Waterman algorithm

Run on: Thu Jan 13 23:39:42 2000; MasPar time 73.29 Seconds 1179.858 Million cell updates/sec

Tabular output not generated.

Title: >US-08-978-217-15 (2701-3700) from US08978217.seq (4 of 10)

Description:
Perfect Score:
N.A. Sequence:
Comp: 2701 TCATTANACCAGCCAGGCCT......GGCTCCTGCTCCTCCGACTA 3700 AGTAATTTGGTCGGTCCGGA......CCGAGGACGAGGAGGAGGCTGAT

Scoring table: TABLE default Gap 6

Nmatch

STD

Dbase 0; Query 0

165362 seqs, 43234748 bases × N

Post-processing:

Minimum Match 0% Listing first 45 summaries

Database:

n-issued 1:5A_COMB 2:5B_COMB 3:5C_COMB 4:PCT9_COMB 5:backfiles1

Statistics: Mean 8.645; Variance 5.129; scale 1.686

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution. Pred.

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16 17 18 19	12 13 14 15	1 1 1 1 1 1 1 1 1	Result No.
0 0 0 0 0 0 0 0 4 4	3333 5555	70 49 49 42 41 41 38 38 37	Score
		3	% Query Match
3680 3680 36 54 183	276 941 941 965	1920 7218 7218 11236 215 377 965 252 252 2244 2244	% Query Match Length
44344	ω ω 4 ω		DB
PCT-US95-0 US-08-759- US-08-068- PCT-US92-0 PCT-US95-0	US-08-332- US-08-203- PCT-US95-0 US-08-388-	US-08-746- US-08-232- US-07-853- US-08-232- US-08-332- US-08-332- US-08-332- US-08-332- US-08-332- PCT-US-95-0	ID
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1.06e-07 1.06e-07 3.95e-07 1.45e-06 1.45e-06	1.06e-07 1.06e-07 1.06e-07 1.06e-07	1.01e-28 1.98e-15 8.12e-15 8.53e-12 3.36e-11 1.32e-10 7.51e-09 7.51e-09 2.84e-08	Pred. No.

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Sequence 1,	Sequence 89	Ļ	,	Sequence 3,	۲	4,	Sequence 3,	Sequence 5,	ω S	5	Sequence 1,	Patent No.		ب	Sequence 1,	Ļ	Ļ	Sequence 1,	۲	۳	Sequence 1,	Sequence 2,	Sequence 2,
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ALIGNMENTS

ELF3

Sequence 1, Application Sequence 1, Application Patent No. 5789200 US-08-746-789A-1 STANDARD; DNA; UNC; 1920 BP. XXXXXX STATE: PA
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 I
COMPUTER: IBM 486
COPERATING SYSTEM: WINDOWS FO
OPERATING SYSTEM: WORD
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/74
FILING DATE: NO. 5789200embe
CLASSIFICATION DATA:
APPLICATION NUMBER:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
CLASSIFICATION DATA:
APPLICATION NUMBER: GENERAL INFORMATION: CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road, P.O. Box 1539 REFERENCE/DOCKET NUMBER: AT TELECOMMUNICATION INFORMATION: TELEPHONE: 610 270 5219 APPLICANT: Ismail K TITLE OF INVENTION: NUMBER OF SEQUENCES: ATTORNEY AGENT INFORMATION:
NAME: William T. Han
REGISTRATION NUMBER: 34, TYPE: Nucleic Acid STRANDEDNESS: Single TOPOLOGY: Linear CITY: King of Prussia ö Kola, Martin J. Tymms, Christine DeBouck

A No. 5789200el Human ETS Family Member, 5789200ember 15, 1996 US/08746789A US/08746789A US/08/746,789A 34,344 3.5 INCH, 1.44 Mb STORAGE ATG 50024 FOR WORKGROUPS

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                                 SEQUENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 14, Application US/08232463 Sequence 14, Application US/08232463 Patent No. 5670367
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                                                                                                                    INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION: APPLICANT: DORNER
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                            REFERENCE/DOCKET NUMBER: 30 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                 APPLICATION NUMBER: EP 9.
FILING DATE: 26-AUG-1991
ATTORNEY AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,
                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road,
                                                   IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF
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                                                                                                                      TELEFAX: (, , 99149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CCACAGCCGGACTCCGCCACCCCGGTAGCCTCATGGCTGCAACCTGTGAGATTAGCAACA 142
                                                              TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
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                           NE: pTZgpt-F1s
7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER
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VENTION: RECOMBINANT FOWLPOX VIRUS
                                                                                                                                       (703)683-4109
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Score 49;
Pred. No.
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Pred. No. 1.01e-28;
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DB 2; L
1.98e-15;
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          Length 7218;
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                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                CURRENT AFFICATION NUMBER: US/07/853,511
FILING DATE: 19920319
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION UMBER: US 07/660,412
                                                                                                                                                                         APPLICATION NUMBER: US 07/603,803 FILING DATE: 25-OCT-1990 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 07/201,762
                                                                                                                                                                                                       FILING DATE: 22-FEB-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/603,803
                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOSTWARE: PatentIn Release #1.0.
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy
                                                                                                                                                      FILING DATE: 02-JUN-1988
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: McKay, Ro
APPLICANT: Lendahl,
                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 617-861-6240
                                                                                                                                    ATTORNEY/AGENT INFORMATION
                               TYPE: N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                    REFERENCE/DOCKET NUMBER: MI
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                                                                                                                                                                                                                                                                                                                                                                          STATE: Massachusetts
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                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                     CITY: Lexington
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Application US/07853913
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                                                                         617-861-9540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     McKay, Ronald D.G.
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DNA (genomic)
                                                                                                                                                                                                                                                                                                                                  Floppy disk
                     double
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Neuroepithelial Tu
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                                                                                                                                              US 07/180,548
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Best Local
                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                 NAME/KEY: misc_feature
LOCATION: 1.215
OTHER INFORMATION: /standard_name= "Deduced amino OTHER INFORMATION: sequence of PGIP from bean."
SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3079 CAGTGGATTTACAGTTCTGAACTTAATCACTCAGGCTTGGAGGTTCCTAGCTGGAGTGTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 5, Application Sequence 5, Application Patent No. 5569830
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-238-163-5 STANDARD; DNA; UNC;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE 11236 BP; 2876 A; 2678 C; 3258 G; 2424 T; 0 OTHER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             XXXXXX
        112 GNRSGADSYGSSKTAMTSRNRTGKTANNAVDSRNMGDASVGSDKNTKKHAKNSADGKVGS 171
                                                                                                                                                                                                                    TELEFAX: (415) 543-50 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                             4.3%;
Local Similarity 16.9%;
les 23; Conservation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Watch 4.8%; Local Similarity 90.0%;
                                              52 VNNDSGHNKYSSANYNYGGNNVGAAKTHYYTHTNVSGADSKTVTDSYNASGTSSSNGGTD 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Khourie and Crew
ADDRESSEE: Townsend Tower, One Market Plaza
                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION: NAME: Bastian, Kevin L.
                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL
TITLE OF INVENTION: POLYGALACTURONASES AND THEIR USE TO CONTROL FUNGAL DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                             MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 23
                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/238,163
FILING DATE: 03-MAY-1994
CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                              STRANDEDNESS: single
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                                                                                                                                                                       unknown
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US/08238163
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                                                                Score 43; DB 1; Ler
Pred. No. 8.53e-12;
56; Mismatches 57;
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Pred. No. 8.12e-15;
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Sequence 22, Application US/08388672F
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RESULT
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Best Local Similarity
Matches 62; Conser
                                                                                            3450 TGTGGTGGTGGGGGGGTGTTG 3471
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                   US-08-388-672A-22 STANDARD;
                                                                                                                                                                                                                                                                                                                 SEQUENCE 377
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/08332766A Sequence 1, Application US/08332766A
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GENERAL INFORMATION:
                                                                                                                                192
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TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                           STRANDEDNESS: sing
TOPOLOGY: linear
MOLECULE TYPE: DNA (
EQUENCE 377 BP; 70 A; 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 861-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: JEFFREYS, Alec J.
APPLICANT: ARMOUR, JOHN
TITLE OF INVENTION: SIMPLE TANDEM REPEATS
NUMBER OF SEQUENCES: 125
                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 377 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: BIRD, Donald J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                   TGATGGGGTGGTGACGGTGATG 213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/0 FILING DATE: 01-NOV-1994
                                                                                                                                                                   APPLICATION NUMBER: GB 9326052.9 FILING DATE: 21-DEC-1993
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                                                                                                                                                                                                                                                                                                                                                                                                       377 base pairs
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1100 New York Avenue, N.W.
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75.6%; Pred. No. 3.36e-11;
rvative 0; Mismatches 20;
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48 C; 143
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                   DNA;
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                     UNC;
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Best Local
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INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 965 base pairs
TYPE: nucleic acid
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Patent No.
GENERAL II
          Patent No. 5843647
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL APPLICANT: ARMOUR, John
TITLE OF INVENTION: SIMPLE T
                                                               Sequence 28, Application US/08332766A Sequence 28, Application US/08332766A
                                                                                                                                                        3541 AGA 3543
                                                                                                                                                                                                3481 TGTCTACAGCAACACTGCACTTCCTGCCTCTCGGCTGTTGCCCAGGCTTTGCCCAGAC 3540
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                                                                                                           US-08-332-766A-28 STANDARD; DNA; UNC;
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                                                                                                                                                                                                                                                                                                                                  SEQUENCE
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NAME: Hanson, No. 5795961man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5409
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-688-9200
TELEFAX: 212-838-3884
                                                                                                                                                                                                                                                                                     Match 4.18;
Local Similarity 20.38;
Les 25; Conservative
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APPLICANT:
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TOPOLOGY: unl
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOTWARE: Patentin Release #1.0 CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Recombinant Human Anti-Lewis B
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CITY: N
STATE:
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965 BP; 192 A; 170 C; 226 G; 200 T; 177 OTHER.
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  SIMPLE TANDEM REPEATS
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Pred. No.
58; Misma
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Best Local Similarity 95.2%;
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                                                                                                                                                                                                                 Sequence 29, Application US/08332766A Sequence 29, Application US/08332766A Patent No. 5843647 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                              3391 GGTGGTGATGGTGGTGGTGGTGGTGGTGGTGGTGGT 3432
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TELEPAX: (202) 822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 28
                                                                                                                                                                                                                                                                                                                                           87 GGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 128
                   SOFTWARE: PatentIn Release #1.0, V CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/332,766A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 21-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: BIRD, Donald J.
                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9326052.9
FILING DATE: 21-DEC-1993
                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN DARBY & CUSHMAN, L.L.P.
                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                   APPLICANT: JEFFREYS, AL APPLICANT: ARMOUR, John TITLE OF INVENTION: SIM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US,
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                         COUNTRY:
                                                                                                                      STATE:
                                                                                                                               CITY: Washington
                                                                                                                                        STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 01 CLASSIFICATION:
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20005-3918
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20005-3918
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                                                                                                                                         1100 New York Avenue,
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Pred. No. 7.
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                                          Version #1.25
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Best Local :
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                                TELEPHONE: (703)836-9300
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US-08-232-463-14 STANDARD; DNA; UNC; 7218
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                                                                                                                                                                                                                                                                                                                                                                                     Sequence 14, Application Sequence 14, Application
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TELEFAX: (202) 822-094
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO:
TELEX: 899149
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              94 CTTTGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Match 3.8%;
Local Similarity 95.2%;
les 40; Conservative
                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
                                                                                                                                                                                                                                                                                                           APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKWER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 329 base pairs
TYPE: nucleic acid
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 861-3000
                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: GB 9. FILING DATE: 21-DEC-1993 ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                    CLASSIFICATION: 435
                                                                                                                                                               FILING DATE
                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 22313-0299
                              TELEFAX:
                                                                                                                       FILING DATE:
                                                                                                                                APPLICATION NUMBER:
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                              (703)683-4109
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Pred. No. 7.
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE 2244 BP; 643 A; 533 C; 522 G; 546 T; 0 OTHER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         XXXXX
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PCT-US95-01882A-1 STANDARD; DNA; UNC; 2244
                                                                                                                            TELEX: 980499
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Match 3.8%;
Local Similarity 1.4%;
les 2; Conservative
                                                                                                                                              REGISTRATION NUMBER: 34829
REFERENCE/DOCKET NUMBER: 22
TELECOMMUNICATION INFORMATION:
TELEPHONE: (216) 622-8200
TELEFAX: (216) 241-0816
                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Golrick, Mary E.
                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Calfee, Halter, and Griswold
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                IMMEDIATE SOURCE:
CLONE: pTZgpt-
                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
                                FEATURE:
                                          ANTI-SENSE:
                                                   MOLECULE TYPE: C
                                                                                                                  SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Growth Arrest Homeobox Gene NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Gorski, David APPLICANT: Walsh, Kenneth
                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                            CITY: Cleveland STATE: Ohio
                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Carrer, sweets 800 Superior
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: lin
                                                                                 TYPE: nucleic acid
STRANDEDNESS: both
                      NAME/KEY:
                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                           ZIP:
                                                                                                                                                                                                                                                                                                                                    COUNTRY:
            LOCATION:
                                                                                                        LENGTH: 2244 base pairs
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7218 BP; 1944 A; 1491 C; 1486 G; 1929 T;
                                                                                                                                                                                                                                                                                                                           RY: U.S.A.
44114-2688
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Pred. No. 7.51e-09
90; Mismatches 5
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                                                                                                                                NAME/KEY:
LOCATION:
SEQUENCE 2244 BP
                                                    3433 CACCACCACCACCACCACCACCACCACCATCACCATCACCAAGAGC 3385
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US-08-203-532F-1 STANDARD; DNA; UNC;
        XXXXXX
                 US-08-332-766A-30 STANDARD; DNA; UNC;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  XXXXXX
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Gorski, David
APPLICANT: Walsh, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          398 CACCACCACCACCACCACCACCATCACCACCACCAGCAGCAGCAGC 446
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Local Similarity 87.8%;
hes 43; Conservative
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Golrick, Mary E.
REGISTRATION NUMBER: 348.
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 1
                                                                                                                                                             FEATURE:
                                                                                                                                                                              TOPOLUGE: CD
                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: (216) 622-8200
                                                                                                                                                                       ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Growth Arrest
                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A. ZIP: 44114-2688
                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Cleveland
                                                                                                                                                                                                                                                                    TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
                                                                                                     Similarity
                                                                                                                                2244 BP; 643 A; 533 C;
                                                                                                                                                                                                            nucleic acid
DEDNESS: both
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                                                                                            Conservative
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Pred. No.
0; Misma
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Pred.
0; M
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                                                                                                                                 522 G;
                                                                                         re 37; DB 3; Len
d. No. 2.84e-08;
Mismatches 6;
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No. 2.84e-08
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                276 BP
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                                                                                                                                546 T; 0 OTHER.
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                                                                                                            Length 2244;
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Best Local s
Matches 3
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FILING DATE: 21-DEC-1993

ATTORNEY/AGENT INFORMATION:

NAME: BIRD, DODALD J.

REGISTRATION NUMBER: 25,323

REFERENCE/DOCKET NUMBER: 217211/M94

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 861-3000

TELEPA: (202) 861-3000

TELEPA: 6714627 CUSH

INFORMATION FOR SEO ID NO: 30:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE 276 BP; 44 A; 63 C; 92
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                                                                                                                                                                                                                                                                                                                                                                                                                       T 13
US-08-203-532F-3 STANDARD; DNA; UNC;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3392 GTGGTGATGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTG
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-POS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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FILING DATE: 01-NOV-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN DARBY & CUSHMAN, L.L.P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: JEFFREYS, Alec J.
APPLICANT: ARMOUR, John
TITLE OF INVENTION: SIMPLE T
NUMBER OF SEQUENCES: 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 276 base pairs
                                                                                                                                                             CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                              APPLICANT: Gorski, David APPLICANT: Walsh, Kenneth
                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                               TITLE OF INVENTION:
                   CITY: Cleveland
STATE: Ohio
COUNTRY: U.S.A.
ZIP: 44114-2688
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: ... STRANDEDNESS: SIGNATURES SIGNATURE
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                                                                                                                                       ADDRESSEE:
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Similarity 92.9%;
39; Conservative
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20005-3918
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                                                                                                                                                                                                                                                           David H.
                                                                                                                                                                                                            Growth Arrest Homeobox Gene
                                                                                                                                       Halter,
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Pred. No. 1.06e-07
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                                                                                                                                                                                                                                                                                                                                                                                                         3430 CACCACCACCACCACCACCACCACCATCACCACCAAGAGC 3385
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: 33..941
SEQUENCE 941 BP; 252 A; 293 C; 242 G; 154 T; 0 OTHER
                                                                                                                                                                                                                                                                                                                                                      XXXXXX
                                                                                                                                                                                                                                                                                                                                                                PCT-US95-01882A-3 STANDARD; DNA; UNC; 941
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (216) 241-081
TELEX: 980499
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 34829
REFERENCE/DOCKET NUMBER: 2231
TELECOMMUNICATION INFORMATION:
TELEPHONE: (216) 622-8200
TELEFAX: (216) 241-0816
                                                                                                                                                                                                                                                                                                                                                                                                                       234 CACCACCACCACCACCACCACCATCACCATCAGCAGCAGCAGCAGC 279
ATTORNEY/AGENT INFORMATION:
NAME: GOLTICK, MAIY E.
REGISTRATION UNDER: 34829
REFERENCE/DOCKET NUMBER: 2231
TELECOMMUNICATION INFORMATION:
TELEPHONE: (216) 622-8200
TELEPHAX: (216) 241-0816
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Match 3.6%;
Local Similarity 89.1%;
                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/01882A
                                                                                                                                                                                                                                                                        APPLICANT: Gorski, David H. APPLICANT: Walsh, Kenneth TITLE OF INVENTION: Growth.
                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Calfee, Halter,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
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NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: CI
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TYPE: n
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                                                                             CLASSIFICATION:
                                                                                                                                                                                                                 STREET: 800 Supe
CITY: Cleveland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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COMPUTER: IE
                                                                                          FILING DATE:
                                                                                                                                                                                           COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    41;
                                                                                                                                                                                 44114-2688
                                                                                                                                                                                                       Ohio
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Pred. No. 1.06e-07
0; Mismatches
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Best Local
                                       TELEFAX: 212-838-3884
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 965 base pairs
TYPE: nucleic acid
STRANDEDNESS: unkr
TOPOLOGY: unknown
MOLECULE TYPE: DNA (
SEQUENCE 965 BP; 192 A;
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SEQUENCE 941 BP;
                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, v
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,672#
FILING DATE: 14-FEB-195
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 5795961man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5409
TELEPHONE: 212-688-9200
TELEPHONE: 212-688-9200
TELEPHONE: 212-688-9200
                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 5795961 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 22, Application 
Sequence 22, Application
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US-08-388-672A-22 STANDARD; DNA; UNC; 965
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                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe and Lynch
                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kitamura TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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ANTI-SENSE: 1
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                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                      COUNTRY: U
ZIP: 10022
                                                                                                                                                                                                                                                                           CITY: New York
STATE: New Yor
                                                                                                                                                                                                                                                                                         ADDRESSEE: Felie and Ly. STREET: 805 Third Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
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STRANDEDNESS: both
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Similarity 89.1%;
41; Conservative
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Old, Lloyd J.
Welt, Sydney
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Kitamura, Kunio
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US/08388672A
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Pred. No. 1.06e-07
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 226
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  <u>ဂ</u>
  200 T;
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